



Australian Government

Assessment Requirements for CPCCST3006 Machine stone

Release: 2

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Modification History

Release 2 Updated reference to general construction induction training program.

Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCST3006A Machine stone. Updated to meet the Standards for Training Packages 2012.

Performance Evidence

To demonstrate competency in this unit, a candidate must meet the performance criteria of this unit by machining one soft stone and one hard stone to a size of 190 mm x 190 mm x 190 mm.

In doing this, the candidate must:

- use a static diamond saw to cut one stone, and
- use a travelling beam saw to cut the other stone
- cut, grind and polish two sides and a face of one hard stone shape using a multi-function machine.

Knowledge Evidence

To be competent in this unit, a person must demonstrate knowledge of:

- types of natural and manufactured stone:
 - basalt (blue stone)
 - granite
 - limestone
 - marble
 - sandstone
 - carborundum
 - diamond
- terminology relating to machining stone
- functional and operational features of plant, equipment and hand and power tools:
 - static diamond saws
 - travelling beam saws
 - multi-function cutting, grinding and polishing machines
 - battery operated tools

- workplace safety:
 - job safety and environmental analysis (JSEA)
 - exposure to silica dust
 - hazardous manual tasks
 - exposure to loud noise
 - electrical safety
- workplace processes and procedures
- stonemasonry regulations, standards and codes
- Mohs scale of mineral hardness
- environmental requirements for workplace processes and waste disposal
- key features of sketches, plans and specifications.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation reflecting workplace conditions and standards, materials, equipment, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>